

IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

15-153-20330

31-5-36W

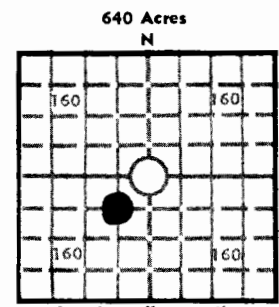
WICHITA BRANCH
KANSAS DRILLERS LOG

S. 31 T. 5 R. 36 ^R_W

API No. 15 — 153 — 20,330
County Number

Loc. C NE SW

County Rawlins



Elev.: Gr. 3419'

DF _____ KB 3428'

Operator Nielson Enterprises, Inc.	
Address 633 17th Street, Suite 1380 Denver, Colo 80202	
Well No. ##1	Lease Name Tovrea
Footage Location 1980 feet from (S) line 1980 feet from (W) line	
Principal Contractor Rains S. Williamson	Geologist Jim Blaha
Spud Date June 14, 1978	Total Depth 4970'
	P.B.T.D. 4889
Date Completed July 20, 1978	Oil Purchaser Husky

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 3/4"	8-5/8"	20#	406'	60-40 Poz	275	2% gel, 3% CaCl
Production	7 7/8"	4 1/2"	10.5#	4943'	50-50 Poz	250	18% salt, 2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2" jet	4683-93

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4700'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 15% MCA	4683-93

INITIAL PRODUCTION

Date of first production 2 Aug. '78		Producing method (flowing, pumping, gas lift, etc.) Pumping	
RATE OF PRODUCTION PER 24 HOURS	Oil 105 bbls.	Gas ---	Water ---
		MCF	bbbls. CFPB
Disposition of gas (vented, used on lease or sold) Sold		Producing interval (s) 4684-93	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
Nielson Enterprises Inc. DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Tourea Oil

s 31 T 5 R 36 ~~X~~ W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p><u>DST #1</u> 30/60/30/60 Wk blow increasing to 3" in 30 min. Final open-wk blow to 1" Rec 1'0, 170' SW IHP 2248 FFP61-78 IFP 17-52 FSIP 1297 ISIP 1341 FHP 2239 BHT 133°</p>	4610	4635	Stone Corral Tarkio Topeka Oread Heebner Lansing Base KC Pawnee Cherokee Miss	3110 3928 4097 4222 4243 4297 4578 4681 4742 4948
<p><u>DST #2</u> 30/60/30/60 Strong blow to 12" in 6 min Final open-Strong blow to 12" in 8 min. Rec 1390' GIP, 380' CGCO (35°@ 60°F), 120' OCM IHP 2328 FFP 126-188 IFP 45-117 FSIP 1438 ISIP 1465 FHP 2300 BHT 130°</p>	4675	4700		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<div style="margin-bottom: 5px;"><i>W. S. Richards</i></div> <div style="margin-bottom: 5px;">Signature</div> <div style="margin-bottom: 5px;"><i>Exploration Mgr</i></div> <div style="margin-bottom: 5px;">Title</div> <div style="margin-bottom: 5px;"><i>22 Nov 78</i></div> <div>Date</div>
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31-2-3PM